Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 03 Dec 2020 until 23:59 on Friday 04 Dec 2020

Forecast Issued on Thursday 03 Dec 2020 at 02:27

Confidence: Medium due to complex low that will affect England and Wales over the next few days.

Headline for Thursday 03 Dec 2020: Cloudy with outbreaks of rain, but sleet and snow over the tops.

Mountain weather hazards on Thursday 03 Dec 2020

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light snow	Light snow	Light snow	Light snow	Light snow	Light snow
Precipitation probability					
60%	60%	50%	50%	30%	30%

Forecast for Thursday 03 Dec 2020

Weather: Occasional showers overnight, wintry over the higher tops. Mostly cloudy during daylight hours with outbreaks of rain, but sleet and wet snow can be expected over the higher tops. Rain and snow becoming heavy and persistent later in the evening, the snow level perhaps lowering to around 300m.

Chance of cloud free mountain/hill tops above 600m: 30%, extensive cloud near or below the summits.

Visibility: Moderate in rain and poor or very poor at times at height.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Thursday 03 Dec 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/21 SW	12/16 SW	10/14 S	9/12 E	12/17 NE	16/22 NE	17/24 N
300	13/19 SW	9/14 S	8/12 S	6/11 E	8/13 NE	11/18 NE	12/18 N
Valley	8/17 SW	7/13 SW	5/10 S	5/10 E	8/16 NE	9/19 NE	10/22 N

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	0/-6	0/-5	-0/-5	-0/-4	-0/-6	-1/-7	-1/-7
300	2/-3	2/-2	2/-1	2/-0	2/-2	1/-3	1/-4
Valley	3/-1	2/-0	3/1	3/1	2/-1	2/-2	1/-3
Freezing Level*	600m	500m	600m	600m	500m	500m	400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Some navigational difficulties expected at height along with significant wind chill.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 03 Dec 2020	3.8mm	4.2mm	13mm

Forecast for Friday 04 Dec 2020

Weather: Mostly cloudy with outbreaks of rain, sleet and snow. Snow falling to quiet low levels overnight, perhaps 200m, but rising to around 600m by midday and turning to rain at all levels by evening. Temporary blizzard conditions possible at first over the high tops.

Maximum wind: North or Northwest 20 to 30mph gusting 40mph with a severe wind chill at first, winds easing during the day.

Chance of cloud free mountain/hill tops above 600m: 40%, Extensive cloud, base 600 to 900m.

Visibility: Moderate or poor in rain and snow, very poor at times as at height. Good or very good in any drier spells.

Temperature: **Valleys:** Plus 1 Celsius rising to 6 Celsius
At 600m: Minus 2 Celsius rising to Plus 2 Celsius
Freezing level: Most levels at first, rising above the summits by evening.

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